

Docket No.: H6815.0072/P072-G  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

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In re Patent Application of:  
Akemi Sanada et al.

Application No.: Not Yet Assigned

Filed: Concurrently Herewith

Art Unit: N/A

For: FIBER CHANNEL CONNECTION  
STORAGE CONTROLLER

Examiner: Not Yet Assigned

**INFORMATION DISCLOSURE STATEMENT (IDS)**

MS Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement accompanies the new patent application submitted herewith.

Copies of the references on the PTO/SB/08 are not provided.

Those patent(s) or publication(s) which are marked with a double asterisk (\*\*) next to the Cite No. in the attached form PTO/SB/08 are not supplied because they were previously cited by or submitted to the Office in a prior application number 09/804,245,

filed March 13, 2001 and relied upon in this application for an earlier filing date under 35 U.S.C. 120.

In accordance with 37 CFR 1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR 1.56(a) exists. In accordance with 37 CFR 1.97(h), the filing of this Information Disclosure statement shall not be construed to be an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

It is submitted that the Information Disclosure Statement is in compliance with 37 CFR 1.98 and the Examiner is respectfully requested to consider the listed references.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 04-1073, under Order No. H6815.0072/P072-G. A duplicate copy of this paper is enclosed.

Dated: March 2, 2004

Respectfully submitted,

By 

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Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Concurrently Herewith
				First Named Inventor	Akemi Sanada
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
Sheet	1	of	2	Attorney Docket Number	H6815.0072/P072-G

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
**	AA	5,528,584	6/18/1996	Grant et al.	
**	AB	5,610,746	3//11/1997	Ranalli	
**	AC	5,768,530	6/16/1998	Sandorfi	
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**	AC1	5,297,268	03/22/1994	Lee et al.	
**	AD1	5,634,111	05/27/1997	Oeda et al.	
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Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
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Sheet	2	of	2		

FOREIGN PATENT DOCUMENTS						
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
**	BA	1-181139 JP				
**	BB	3-105419 JP				
**	BC	3-152650 JP				
**	BD	5-181609 JP				
**	BE	5-225068 JP				
**	BF	5-324445 JP				
**	BG	6-214863 JP				
**	BH	63-253448 JP				
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**	BJ	8-251101 JP				
**	BK	JP 8-115279	05-07-1996			
**	BL	JP 5-181609	07/23/1993			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
**	CA	"Fibre Channel Physical and Signaling Interface (FC-PH)" Rev. 4.3 June 1, 1994	
**	CB	Lee et al., "PETAL: Distributed Virtual Disks", <i>The Proceedings of the 7<sup>th</sup> International Conference on Architectural Support for Programming Languages and Operating Systems (ASPLOS)</i> , Cambridge, Mass., October 7, 1996, pp. 1-9.	
**	CC	Smith et al., "TACHYON: a gigabit Fibre Channel protocol chip", <i>Hewlett-Packard Journal</i> , volume 47, no. 5, October 1996, pp. 94-98, internet copy.	
**	CD	Gibson et al., "A Case for Network-Attached Secure Disks", Document CMU-CS-96-142, School of Computer Science, Carnegie Mellon University, 26 September 1996, pp 1-19.	
**	CE	Gibson et al., "File Server Scaling with Network-Attached Secure Disks", <i>Proceedings of the 1997 ACM Sigmetrics International Conference on Measurement &amp; Modeling of Computer Systems</i> , June 1997, pp. 272-284.	
**	CF	Van Meter III, "A Brief Survey of Current Work on Network Attached Peripherals", <i>ACM SIGOPS, Operating Systems Review</i> , v. 30, n. 1, January 1996, pp. 63-70, internet copy.	

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